



Owner / Applicant:
Florida Power & Light Company

Land Planner / Landscape Architect:
Lucido & Associates
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Stuart, FL 34994
772-220-2100

Civil Engineer / Surveyor:
Culpepper & Terpening
2980 S. 25th Street
Fort Pierce, FL 34981
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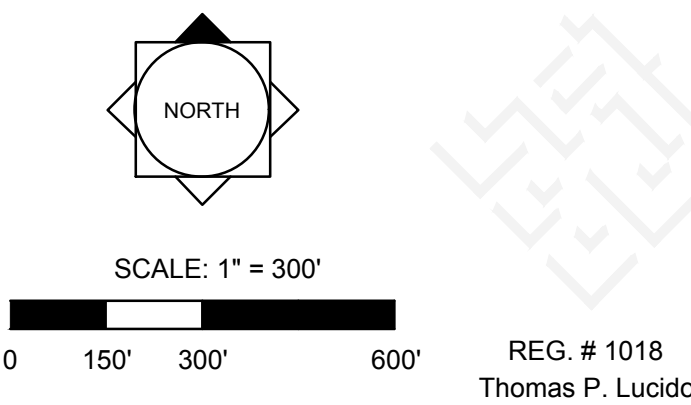
Project Coordinator:
Gunster Law Firm
800 S.E. Monterey Boulevard
Stuart, FL 34996
772-288-1982

FPL Sweetbay Solar Energy Center

Indiantown/ Martin County, Florida

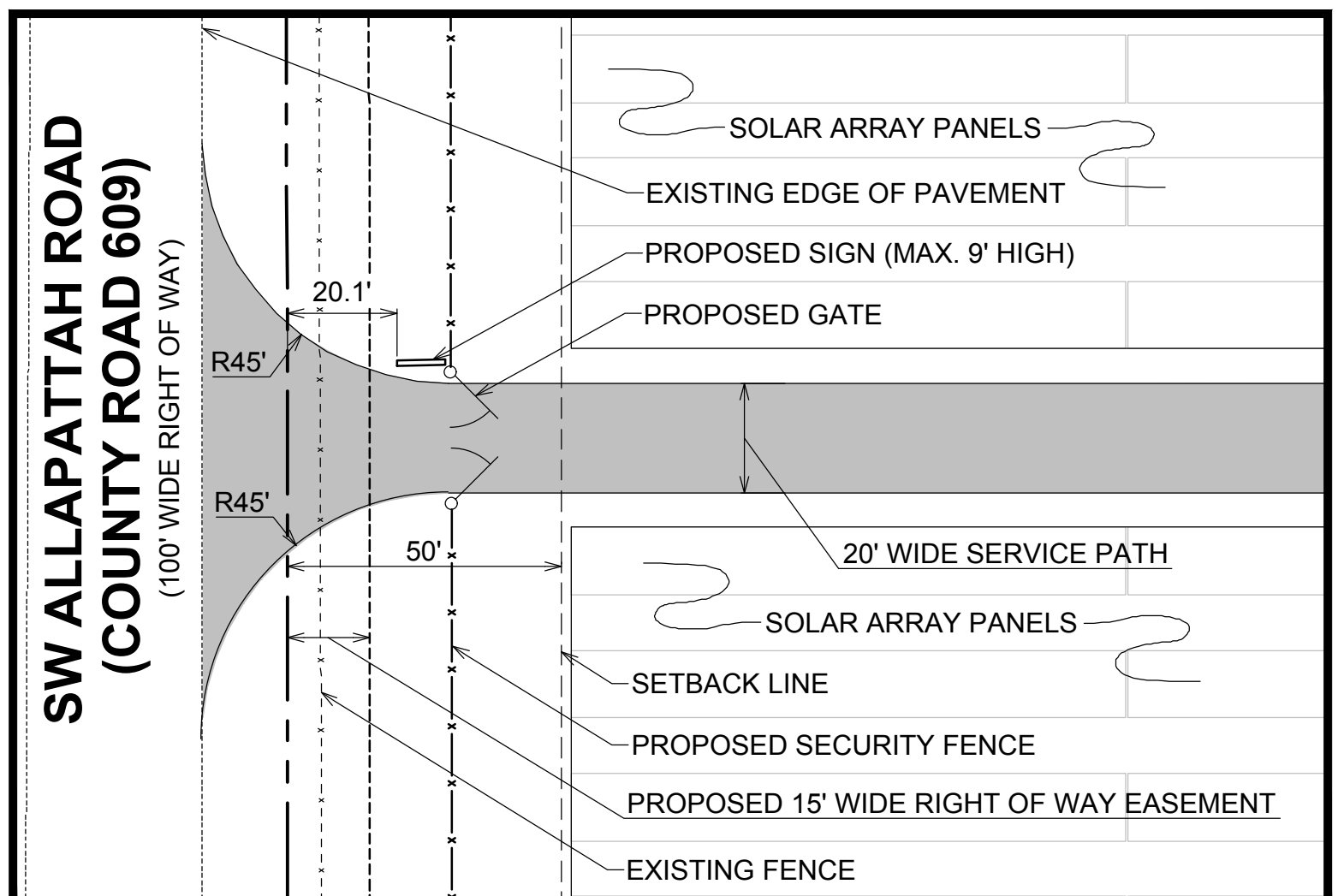
Final Site Plan

Date	By	Description
06.21.2018	S.L.S.	Initial Submittal
10.04.2018	S.L.S.	1st Resubmittal
11.13.2018	S.L.S.	2nd Resubmittal



Designer	---	Sheet
Manager	---	1 of 1
Project Number	---	
Municipal Number	---	
Computer File	17-626 FPL Sweetbay Solar.dwg	

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ENTRANCE DETAIL

SCALE 1"=30'

Site Data:

Total Site Area:	24,645,562 sf. (565.78 Ac.)
Existing Zoning:	A-2 and AG-20A
Future Land Use Designation:	Agricultural
Existing Use:	Agriculture (Improved Pasture)

Impervious Area:	4,854,958 sf. (111.45 Ac.) (19.7%)
Access Paths:	529,561 sf. (12.16 Ac.)
Substation Yard:	78,200 sf. (1.80 Ac.)
Inverter Pads:	15,750 sf. (0.36 Ac.)
Wetlands:	3,477,830 sf. (79.84 Ac.)
Troup Canal Easement:	514,037 sf. (11.80 Ac.)
Borrow Pit / Lake:	239,580 sf. (5.50 Ac.)

Open Space / Pervious Area:	19,790,604 sf. (454.33 Ac.) (80.3%)
Solar Array Panels:	11,818,576 sf. (271.32 Ac.)
Wetland Buffer:	1,969,783 sf. (45.22 Ac.)
Upland Preserve:	184,694 sf. (4.24 Ac.)
Other Open Space:	5,817,549 sf. (133.55 Ac.)

Building Data:

Project Sign Max.:	9'
Solar Panels Max.:	8'
Security Fencing:	
-	Perimeter fence shall be 7'-0" chain link.
-	Substation fence shall be 7'-0" chain link with 3 strands of barbed wire on extension arms to make an overall total height of 8'-0".

General Notes:

- During construction activities, existing native vegetation shall be retained to act as buffers between adjacent land uses, and to minimize nuisance dust and noise. Barricades shall be used on site to preserve the vegetation to be retained.
- Proposed lakes within 200' of wetlands must demonstrate no potential wetland impacts.
- All exotic plant species shall be removed and all required landscaping shall be installed prior to December 31, 2020.
- Refer to landscape plans for landscape details and specifications.
- Preserve areas may not be altered except in compliance with the preserve area management plan approved by Martin County.
- Wetland Buffer preserve areas and upland preserves shall be protected from encroachment, construction and other activities by providing a minimum 10' setback from all proposed structures. Excavation and fill activities must maintain a minimum five (5) feet setback from preserve areas. The maximum slope of fill adjacent to the setback shall not exceed one (1) foot vertical to four (4) feet horizontal.
- Preserve signs will be at least 11 x 14 inches in size and will be posted in conspicuous locations along the Preserve Area boundary, at a frequency of no less than one (1) sign per 500 feet.
- Refer to PAMP for Temporary Preserve Area Impact Restoration Plans and Preserve Sign locations and detail.
- Graded areas adjacent to preserve areas shall not exceed a slope of one foot vertical to four feet horizontal. All slopes shall be properly stabilized upon completion of construction to the satisfaction of the County Administrator.
- It shall be unlawful to alter the approved slopes, contours, or cross sections or to chemically mechanically, or manually remove, damage, or destroy any plants in the littoral or upland transition zone buffer areas of constructed lakes except upon the written approval of the Growth Management Director, as applicable. It is the responsibility of the owner or property owners association, its successors or assigns to maintain the required survivorship and coverage of the reclaimed upland and planted littoral and upland transition areas and to ensure ongoing removal of prohibited and invasive non-native plant species from these areas.
- Irrigation Source: Water Truck

LEGEND

	WETLAND PRESERVE - 79.84 ac
	WETLAND BUFFER - 45.22 ac
	UPLAND PRESERVE - 4.24 ac
	TEMPORARY PRESERVE IMPACT AREA
	SOLAR ARRAY PANELS
	DRAINAGE FLOW WAY
	STABILIZED GROUND COVER

